SSE-No/17/23-24
13/06/23

Original/Duplicate/Triplicate

Bill Type: 1st & Final Bill

CONTRACT CERTIFICATE

(For Other Works)

Date.....2023

Zone: BBMP, Yelahanka | Division: BBMP, Byatarayanapura | Sub-Division: Vidyaranyapura

Bill Received No. | Dated | Divisional / Sub-Divisional | Cash Book Voucher No.....Dated.....

Schedule Docket No | Head of Account: P-3798 | Est.Cost: Rs. 100.00 Lakhs | Job Code: 010-21-000005 | INDENT No.: 46567

Name of Work : Improvements of Roads, Drains and Culverts in Ward No. 10 (Doddabommasandra).

Name of Contractor and Full Address: Sri N.M Shivakumar, No. 07, 2nd Block, Juganahalli, Bangalore - 560010.

Reference to Agreement No. BBMP/EE/BTP/WO/17/2020-21 Date: 13-07-2021

Certified that the measurements were taken by me on: 12-12-22 and recorded of Pages 10401 to 10406 of measurement Book No. 105/22-23 and that work is satisfactorily executed.

N.M. Shiva
Contractor

Officer-in-charge of work

Certified that measurement were taken by me on /2022 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

1) Total value of work done or supplies made as per account within

2) Deduct amount to be held in reserve being.....Percent Rs.....

3) " Balance Post Final

4) Deduct Payment:

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....

adjusted towards cash advance recovery of

b) Payments cost store or other material supplied.

Now made recovery of amount creditable to this /other work

Amount paid on this bill Cheque/Cash.

5) Balance being unpaid value of work done held in reserve.

6) Deduct cash advance made on the Office cash Book Voucher No.....

dated .....less adjustments.

Total Amount Adjusted -

7) Net amount due to or from Contractor unadjustments items.

8) Advance to Contractor for materials brought to site (as detailed) within

9) Value of Government materials supplied.

BA -	10488500=00
DT -	93648=00
CESS -	93648=00
SGST -	93648=00
L.C -	93648=00
CBF -	9365=00
LR -	248500=00
FDC -	2800=00
TD -	635257=00
	9853243=00

N.M. Shiva
Contractor's Signature

Received Rs.....(in words)...

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1
2

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account..... P - 3728

Bill Passed for Rs..... 10488500=00

Statutory Deductions 635257 Adjustment

Net Amount Paid Rs. 9853243=00 RTGS

CAO 16/6/23

Account Superintendent
Byatarayanapura Division BBMP

Executive Engineer
Byatarayanapura Division
BBMP

Sl. No.		
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)	
3	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 5km lead	
	Qty Above 125%	
4	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	C
	Qty Above 125%	
5	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	S
	Qty Above 125%	
6	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30	Cu
	Qty Above 125%	
7	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqr
8	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqn
9	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen	Cum
10	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:-Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm
11	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
12	Tubular Steel Railing on Medium Weight Steel Channel (ISMC Series) 100 mm x 50mm:-Providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, complete as per approved drawings as per specifications.	M
13	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm
14	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	421.39	243.00	102398.00	421.39	102398.00	
-	-	939.15	111.00	104246.00	939.15	104246.00	
-	-	188.78	56.00	10572.00	188.78	10572.00	
-	-	349.79	59.01	20641.00	349.79	20641.00	
-	-	188.78	2001.00	377749.00	188.78	377749.00	
-	-	349.79	2099.14	734258.00	349.79	734258.00	
-	-	4707.44	29.00	136516.00	4707.44	136516.00	
-	-	743.51	35.58	26454.00	743.51	26454.00	
-	-	235.38	5227.00	1230331.00	235.38	1230331.00	
-	-	37.17	7097.95	263831.00	37.17	263831.00	
-	-	12437.40	5.00	62187.00	12437.40	62187.00	
-	-	12437.40	12.00	149249.00	12437.40	149249.00	
-	-	497.50	8000.00	3980000.00	497.50	3980000.00	
-	-	399.48	500.00	199740.00	399.48	199740.00	
-	-	7.74	5647.00	43708.00	7.74	43708.00	
-	-	86.00	1511.00	129946.00	86.00	129946.00	
-	-	154.80	84.00	13003.00	154.80	13003.00	
-	-	5032.50	15.50	78004.00	5032.50	78004.00	

Sl No		
15	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder consisting of 4.97% VG- 30 bitumen (60/70 grade) 0.43% Plastomeric Thermoplastics (Waste plastic Additive).	
16	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	
		Sub Total
		GST @ 12%
		Total

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	201.30	8000.00	1610400.00	201.30	1610400.00	
-	-	183.00	500.00	91500.00	183.00	91500.00	
				9364733.00		**9364733.00**	
				1123768.00		**1123768.00**	
				10488501.00		**10488501.00**	